

## DESCRIPTION

### A-284, A-BCAI – Ball Circulating Sub for Inner String

The Ball Circulating Sub forms a part of the running string.

It provides for a set against which pressure can be applied to activate pressure actuated components. The tool is equipped with a Shear Pinned Ball seat, that shears at a predetermined pressure rating, after the hydraulic components are actuated.

The Ball and seat are contained in the sub itself, thus allowing for multiple uses. Can be provided with slots instead of circulating holes to allow circulation to the inner string.

## FEATURES

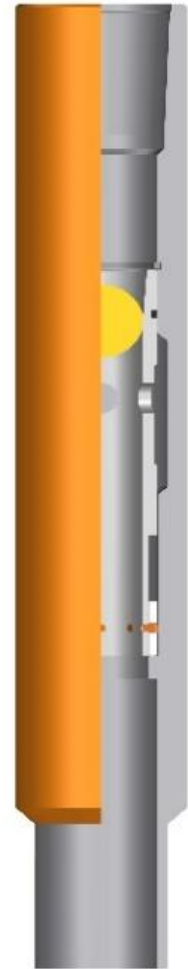
- Integral Ball Seat Catcher.
- Field adjustable shear values.

## BENEFITS

- Robust Construction.
- Re-usable
- Ball does not fall down to the sump
- Setting pressure contained in the running string
- Protects weak formations from setting pressure jerks

## APPLICATIONS

- Actuation of Hydraulic equipment
- Pumping Displacement fluids.



Available in all sizes corresponding to liner hanger and inner string sizes and weight ranges to meet customer's requirements. Also available in simple version for conventional gravel pack application as well.

Material, thread connection, elastomers are available as per requirement.

Can be furnished with box x box, box x pin, pin x pin, half mule shoe or full mule shoe, rounded nose etc.